

AMENDMENTS TO THE SPECIFICATION

Please amend the specification section entitled "BRIEF DESCRIPTION OF THE DRAWINGS" beginning on page 11 to read as follows:

BRIEF DESCRIPTION OF THE DRAWINGS

Fig. 1 shows the reactivity of each anti-40kDa OMP antibody against r40-kDa OMP and *P. gingivalis*.

Fig.2 shows enhancement of human neutrophil-mediated phagocytosis of *P. gingivalis* by anit-r40kDA OMP human monoclonal antibodies.

~~Fig. 2~~ Fig. 3 shows a comparison of the binding activity of each anti-40-kDa OMP antibody and the serum of a periodontal disease patient to *P. gingivalis*.

~~Fig. 3~~ Fig. 4 shows the results of analyzing reactions between each anti-40-kDa OMP antibody and *P. gingivalis*.

~~Fig. 4~~ Fig. 5 shows the effect of each anti-40-kDa OMP antibody on the interaction between 40-kDa OMP and hemin.

~~Fig. 5~~ Fig. 6 shows an h13-17 antibody's activity of inhibiting the binding of 40-kDa OMP to hemin.

~~Fig. 6 shows the reactivity of each anti-40-kDa OMP antibody to various *P. gingivalis* strains.~~

Fig. 7 shows each anti-40-kDa OMP antibody's activity of suppressing rat alveolar bone resorption.